

Title (en)
Container with light generator

Title (de)
Behälter mit Lichtgenerator

Title (fr)
Récipient avec générateur de lumière

Publication
EP 2662304 A1 20131113 (EN)

Application
EP 13179973 A 20040614

Priority

- GB 0313627 A 20030612
- GB 0326859 A 20031118
- GB 0408993 A 20040422
- EP 04736757 A 20040614

Abstract (en)
A container (10), for example a drinks bottle, comprises means of producing an output such as a light signal (13). A switch (21, 22) may be activated by a change in pressure within the container, or by temperature. The output signal may cause illumination of the contents of the container (10) by an LED (13), or of a label (125) on the container (10), which may be constructed by an electroluminescent device (127) comprising a thin sheet of electroluminescent material.

IPC 8 full level
B65D 51/24 (2006.01); **B65D 55/02** (2006.01); **B65D 79/02** (2006.01)

CPC (source: EP KR US)
B65D 51/248 (2013.01 - EP US); **B65D 55/028** (2013.01 - EP US); **B65D 79/02** (2013.01 - EP US); **B65D 81/24** (2013.01 - KR); **F21V 33/0028** (2013.01 - EP US); **B65D 2203/02** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)

- EP 1155972 A1 20011121 - HENKEL SPA [IT]
- EP 04736757 A 20040614

Citation (search report)

- [XD] EP 1155972 A1 20011121 - HENKEL SPA [IT]
- [X] US 5785407 A 19980728 - RATCLIFFE WILLIAM R [US], et al
- [XA] US 6005204 A 19991221 - CHOI ANDY [HK], et al
- [Y] WO 0189950 A2 20011129 - COCA COLA CO [US]
- [XY] US 6020823 A 20000201 - DECICCO RICHARD J [US]
- [XA] EP 1237167 A2 20020904 - KAYA NECATI [DE]

Cited by
WO2018206542A1; WO2018206543A1; BE1024971B1; BE1024972B1; US10329061B2; US12117156B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004110892 A1 20041223; CA 2568627 A1 20041223; EP 1636111 A1 20060322; EP 1636111 B1 20180509; EP 2662304 A1 20131113; EP 2662304 B1 20160720; JP 2007527344 A 20070927; KR 20060024407 A 20060316; PL 1636111 T3 20181031; SI 1636111 T1 20180831; US 2006139928 A1 20060629

DOCDB simple family (application)
GB 2004002488 W 20040614; CA 2568627 A 20040614; EP 04736757 A 20040614; EP 13179973 A 20040614; JP 2006516400 A 20040614; KR 20057023763 A 20051209; PL 04736757 T 20040614; SI 200432442 T 20040614; US 56088505 A 20051212